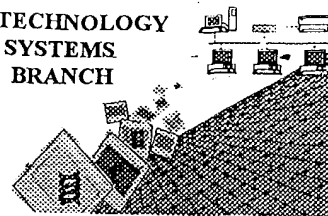


RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/675,226
Source: TFW-01P2
Date Processed by STIC: 10/7/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

C--> 7 (i) APPLICANT: Romeo, Tony

W--> 25 (ii) TITLE OF INVENTION: Methods for Polysaccharide Adhesin Synthesis
26 Modulation

28 (iii) NUMBER OF SEQUENCES: 9

W--> 17 (B) STREET: c/o Ridout & Maybee

18 (C) CITY: Toronto

19 (D) STATE: Ont

20 (E) COUNTRY: Canada

C--> 21 (F) ZIP: M5C 3B1

C--> 30 (v) COMPUTER READABLE FORM:

31 (A) MEDIUM TYPE: Floppy disk

32 (B) COMPUTER: IBM PC compatible

33 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

34 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

C--> 36 (vi) CURRENT APPLICATION DATA:

C--> 37 (A) APPLICATION NUMBER: US/10/675,226

C--> 0 (B) FILING DATE: 29-Sep-2003

C--> 0 (viii) ATTORNEY/AGENT INFORMATION:

W--> 16 (A) NAME: Wang, Xin

C--> 0 (ix) TELECOMMUNICATION INFORMATION:

C--> 22 (A) TELEPHONE: 4168653505

C--> 23 (B) TELEFAX: 4163621482

39 (2) INFORMATION FOR SEQ ID NO: 1:

41 (i) SEQUENCE CHARACTERISTICS:

42 (A) LENGTH: 2460 base pairs

43 (B) TYPE: nucleic acid

44 (C) STRANDEDNESS: unknown

45 (D) TOPOLOGY: unknown

47 (ii) MOLECULE TYPE: DNA (genomic)

49 (iii) HYPOTHETICAL: NO

C--> 51 (iv) ANTI-SENSE: NO

53 (vi) ORIGINAL SOURCE:

54 (A) ORGANISM: E. coli

57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

59	ATGTATTCAA	GTAGCAGAAA	AAGGTGCCCG	AAAACCAAAT	GGGCTTTGAA	ACTTCTTACT	60
61	GCCGCATTTT	TAGCAGCGAG	TCCC GCGGCG	AAGAGTGCTG	TTAATAACGC	CTATGATGCA	120
63	TTGATTATTG	AAGCTCGCAA	GGGTAATACT	CAGCCAGCTT	TGTCATGGTT	TGCACTAAAA	180
65	TCAGCACTCA	GCAATAACCA	AATTGCTGAC	TGGTTACAGA	TTGCCTTATG	GGCCGGGCAA	240
67	GATAAACAGG	TTATTACCGT	TTACAACCGC	TACCGTCATC	AGCAATTACC	AGCGCGTGGT	300
69	TATGCAGCTG	TCGCCGTCGC	TTATCGTAAC	CTGCAACAAT	GGCAAAACTC	GCTTACACTG	360
71	TGGCAAAAGG	CGCTCTCTCT	GGAGCCGCAA	AATAAGGATT	ATCAACGGGG	ACAAATTTTA	420

Does Not Comply
Corrected Diskette Needed

See
attached
P. 7

RAW SEQUENCE LISTING

DATE: 10/07/2003

PATENT APPLICATION: US/10/675,226

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

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73 ACCCTGGCAG ATGCTGGTCA CTATGATACT GCGCTGGTTA AACTTAAGCA GCTTAACCTCT 480
75 GGAGCACCGG ACAAAGCCAA TTTACTCGCA GAAGCCTATA TCTATAAACT GGCGGGGCGT 540
77 CATCAGGATG AATTACGGGC GATGACAGAG TCATTACCTG AAAATGCATC TACGCAACAA 600
79 TATCCCACAG AATACGTGCA GGCATTACGT AATAATCAAC TTGCTGCCGC GATTGACGAT 660
81 GCCAATTTAA CGCCAGATAT TCGCGTGAT ATTCTAGCCG AACTGGTCAG ACTGTCGTTT 720
83 ATGCCTACGC GCAGTGAAAG TGAACGTTAT GCCATTGCCG ATCGCGCCCT CGCCCAATAC 780
85 GCTGCATTAG AAATTCTGTG GCACGATAAC CCAGACCGCA CTGCCCAGTA CCAGCGTATT 840
87 CAGGTTGATC ATCTTGGCGC GTTATTAAC CGCGATCGTT ATAAAGACGT TATTTCTCAC 900
89 TATCAGCGAT TAAAAAGAC GGGGCAAATT ATCCGCCCT GGGGGCAATA TTGGGTTGCA 960
91 TCGGCTTATC TCAAAGATCA TCAGCCGAAA AAAGCACAGT CAATAATGAC CGAGCTCTTT 1020
93 TATCACAAGG AGACCATTGC CCCGGATTTA TCCGATGAAG AACTTGCGGA TCTCTTTTAC 1080
95 AGCCACCTGG AGAGTGAAAA TTATCCGGGC GCGCTAACTG TCACCCAACA TACCATTAAT 1140
97 ACTTCGCGCG CTTTCCTTCG GTTAATGGGC ACGCCTACGA GCATCCCGAA TGATACCTGG 1200
99 TTACAGGGGC ATTCGTTTCT CTCAACCGTA GCAAAATATA GTAATGATCT TCCTCAGGCT 1260
101 GAAATGACAG CCAGAGAGCT TGCTTATAAC GCACCAGGAA ATCAGGGACT GCGCATTGAT 1320
103 TACGCGAGTG TGTTACAAGC CCGCGTTGG CCTCGTGCA CAGAAAATGA ATTAAAAAAA 1380
105 GCAGAAGTGA TCGAGCCACG TAATATTAAT CTGGAGGTTG AACAAGCCTG GACAGCATTA 1440
107 ACGTTACAAG AATGGCAGCA GGCAGCTGTC TTAACGCACG ATGTTGTCTGA ACGTGAACCG 1500
109 CAAGATCCCG GCGTTGTACG ATTTAAACGT GCGGTTGATG TACATAATCT TGCAGAGCTT 1560
111 CGTATCGCTG GCTCAACAGG AATTGATGCC GAAGGCCCG ATAGTGGTAA ACATGATGTC 1620
113 GACTTAACCA CCATCGTTTA TTCACCACCG CTGAAGGATA ACTGGCGCGG TTTTGCTGGA 1680
115 TTCGTTATG CCGATGGACA ATTTAGCGAA GGAAAAGGGA TTGTTGCGCA CTGGCTTGCG 1740
117 GGTGTTGAGT GCGGTCACG TAATATCTGG CTCGAGGCAG AGTACGCTGA ACGCGTTTC 1800
119 AATCATGAGC ATAAACCCGG CGCGCGCCTG TCTGGCTGGT ATGATTTTAA TGATAACTGG 1860
121 CGTATTGGTT CGCAACTGGA ACGCCTCTCT CACCGCGTTC CATTACGGGC AATGAAAAAT 1920
123 GGTGTTACAG GCAACAGTGC TCAGGCTTAT GTTCGCTGGT ATCAAAATGA GCGGCGTAAG 1980
125 TACGGTGTCT CCTGGGCTTT CACTGATTTT TCCGACAGTA ACCAGCGTCA TGAAGTCTCA 2040
127 CTTGAGGGTC AGGAACGCAT CTGGTCTTCA CCATATTTGA TTGTCGATTT CCTACCCAGT 2100
129 CTGTATTACG AACAAAATAC AGAACACGAT ACCCCATACT ACAACCCTAT AAAAACGPTC 2160
131 GATATTGTTT CGGCATTGTA GGCAAGCCAT TTGTTATGGC GAAGCTATGA AAATAGCTGG 2220
133 GAGCAATAT TCAGCGCAGG TGTTGGTGCC TCCTGGCAAA AACATTATGG CACGGATGTC 2280
135 GTCACCCAAC TCGGCTACGG GCAACGCATT AGTTGGAATG ACGTGATTGA TGCTGGCGCA 2340
137 ACGCTACGCT GGGAAAAACG ACCTTATGAC GGTGACAGAG AACACAACCT ATACGTTGAA 2400
139 TTCGATATGA CATTAGATT TTAAGGATAA ATATGTTACG TAATGGAAAT AAATATCTCC 2460

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142 (2) INFORMATION FOR SEQ ID NO: 2:

144 (i) SEQUENCE CHARACTERISTICS:

145 (A) LENGTH: 807 amino acids

146 (B) TYPE: amino acid

147 (C) STRANDEDNESS: unknown

148 (D) TOPOLOGY: unknown

150 (ii) MOLECULE TYPE: peptide

152 (iii) HYPOTHETICAL: NO

C--> 154 (iv) ANTI-SENSE: NO

156 (vi) ORIGINAL SOURCE:

157 (A) ORGANISM: E. coli

160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

162 Met Tyr Ser Ser Ser Arg Lys Arg Cys Pro Lys Thr Lys Trp Ala Leu

163 1 5 10 15

165 Lys Leu Leu Thr Ala Ala Phe Leu Ala Ala Ser Pro Ala Ala Lys Ser

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

166				20				25					30			
168	Ala	Val	Asn	Asn	Ala	Tyr	Asp	Ala	Leu	Ile	Ile	Glu	Ala	Arg	Lys	Gly
169			35					40					45			
171	Asn	Thr	Gln	Pro	Ala	Leu	Ser	Trp	Phe	Ala	Leu	Lys	Ser	Ala	Leu	Ser
172			50				55					60				
174	Asn	Asn	Gln	Ile	Ala	Asp	Trp	Leu	Gln	Ile	Ala	Leu	Trp	Ala	Gly	Gln
175	65					70					75				80	
177	Asp	Lys	Gln	Val	Ile	Thr	Val	Tyr	Asn	Arg	Tyr	Arg	His	Gln	Gln	Leu
178					85					90					95	
180	Pro	Ala	Arg	Gly	Tyr	Ala	Ala	Val	Ala	Val	Ala	Tyr	Arg	Asn	Leu	Gln
181				100					105					110		
183	Gln	Trp	Gln	Asn	Ser	Leu	Thr	Leu	Trp	Gln	Lys	Ala	Leu	Ser	Leu	Glu
184			115					120				125				
186	Pro	Gln	Asn	Lys	Asp	Tyr	Gln	Arg	Gly	Gln	Ile	Leu	Thr	Leu	Ala	Asp
187		130				135					140					
189	Ala	Gly	His	Tyr	Asp	Thr	Ala	Leu	Val	Lys	Leu	Lys	Gln	Leu	Asn	Ser
190	145				150					155						160
192	Gly	Ala	Pro	Asp	Lys	Ala	Asn	Leu	Leu	Ala	Glu	Ala	Tyr	Ile	Tyr	Lys
193				165						170					175	
195	Leu	Ala	Gly	Arg	His	Gln	Asp	Glu	Leu	Arg	Ala	Met	Thr	Glu	Ser	Leu
196			180					185						190		
198	Pro	Glu	Asn	Ala	Ser	Thr	Gln	Gln	Tyr	Pro	Thr	Glu	Tyr	Val	Gln	Ala
199			195					200					205			
201	Leu	Arg	Asn	Asn	Gln	Leu	Ala	Ala	Ala	Ile	Asp	Asp	Ala	Asn	Leu	Thr
202		210				215					220					
204	Pro	Asp	Ile	Arg	Ala	Asp	Ile	His	Ala	Glu	Leu	Val	Arg	Leu	Ser	Phe
205	225				230					235						240
207	Met	Pro	Thr	Arg	Ser	Glu	Ser	Glu	Arg	Tyr	Ala	Ile	Ala	Asp	Arg	Ala
208				245						250					255	
210	Leu	Ala	Gln	Tyr	Ala	Ala	Leu	Glu	Ile	Leu	Trp	His	Asp	Asn	Pro	Asp
211			260					265						270		
213	Arg	Thr	Ala	Gln	Tyr	Gln	Arg	Ile	Gln	Val	Asp	His	Leu	Gly	Ala	Leu
214			275					280					285			
216	Leu	Thr	Arg	Asp	Arg	Tyr	Lys	Asp	Val	Ile	Ser	His	Tyr	Gln	Arg	Leu
217		290				295					300					
219	Lys	Lys	Thr	Gly	Gln	Ile	Ile	Pro	Pro	Trp	Gly	Gln	Tyr	Trp	Val	Ala
220	305				310						315					320
222	Ser	Ala	Tyr	Leu	Lys	Asp	His	Gln	Pro	Lys	Lys	Ala	Gln	Ser	Ile	Met
223				325						330					335	
225	Thr	Glu	Leu	Phe	Tyr	His	Lys	Glu	Thr	Ile	Ala	Pro	Asp	Leu	Ser	Asp

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

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240   Leu Pro Gln Ala Glu Met Thr Ala Arg Glu Leu Ala Tyr Asn Ala Pro
241               420               425               430
243   Gly Asn Gln Gly Leu Arg Ile Asp Tyr Ala Ser Val Leu Gln Ala Arg
244               435               440               445
246   Gly Trp Pro Arg Ala Ala Glu Asn Glu Leu Lys Lys Ala Glu Val Ile
247               450               455               460
249   Glu Pro Arg Asn Ile Asn Leu Glu Val Glu Gln Ala Trp Thr Ala Leu
250               465               470               475               480
252   Thr Leu Gln Glu Trp Gln Gln Ala Ala Val Leu Thr His Asp Val Val
253               485               490               495
255   Glu Arg Glu Pro Gln Asp Pro Gly Val Val Arg Leu Lys Arg Ala Val
256               500               505               510
258   Asp Val His Asn Leu Ala Glu Leu Arg Ile Ala Gly Ser Thr Gly Ile
259               515               520               525
261   Asp Ala Glu Gly Pro Asp Ser Gly Lys His Asp Val Asp Leu Thr Thr
262               530               535               540
264   Ile Val Tyr Ser Pro Pro Leu Lys Asp Asn Trp Arg Gly Phe Ala Gly
265               545               550               555               560
267   Phe Gly Tyr Ala Asp Gly Gln Phe Ser Glu Gly Lys Gly Ile Val Arg
268               565               570               575
270   Asp Trp Leu Ala Gly Val Glu Trp Arg Ser Arg Asn Ile Trp Leu Glu
271               580               585               590
273   Ala Glu Tyr Ala Glu Arg Val Phe Asn His Glu His Lys Pro Gly Ala
274               595               600               605
276   Arg Leu Ser Gly Trp Tyr Asp Phe Asn Asp Asn Trp Arg Ile Gly Ser
277               610               615               620
279   Gln Leu Glu Arg Leu Ser His Arg Val Pro Leu Arg Ala Met Lys Asn
280               625               630               635               640
282   Gly Val Thr Gly Asn Ser Ala Gln Ala Tyr Val Arg Trp Tyr Gln Asn
283               645               650               655
285   Glu Arg Arg Lys Tyr Gly Val Ser Trp Ala Phe Thr Asp Phe Ser Asp
286               660               665               670
288   Ser Asn Gln Arg His Glu Val Ser Leu Glu Gly Gln Glu Arg Ile Trp
289               675               680               685
291   Ser Ser Pro Tyr Leu Ile Val Asp Phe Leu Pro Ser Leu Tyr Tyr Glu
292               690               695               700
294   Gln Asn Thr Glu His Asp Thr Pro Tyr Tyr Asn Pro Ile Lys Thr Phe
295               705               710               715               720
297   Asp Ile Val Pro Ala Phe Glu Ala Ser His Leu Leu Trp Arg Ser Tyr
298               725               730               735
300   Glu Asn Ser Trp Glu Gln Ile Phe Ser Ala Gly Val Gly Ala Ser Trp
301               740               745               750
303   Gln Lys His Tyr Gly Thr Asp Val Val Thr Gln Leu Gly Tyr Gly Gln
304               755               760               765
306   Arg Ile Ser Trp Asn Asp Val Ile Asp Ala Gly Ala Thr Leu Arg Trp
307               770               775               780
309   Glu Lys Arg Pro Tyr Asp Gly Asp Arg Glu His Asn Leu Tyr Val Glu
310               785               790               795               800
312   Phe Asp Met Thr Phe Arg Phe

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RAW SEQUENCE LISTING

DATE: 10/07/2003

PATENT APPLICATION: US/10/675,226

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

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313                               805
315 (2) INFORMATION FOR SEQ ID NO: 3:
317   (i) SEQUENCE CHARACTERISTICS:
318       (A) LENGTH: 2031 base pairs
319       (B) TYPE: nucleic acid
320       (C) STRANDEDNESS: unknown
321       (D) TOPOLOGY: unknown
323   (ii) MOLECULE TYPE: DNA (genomic)
325   (iii) HYPOTHETICAL: NO
C--> 327   (iv) ANTI-SENSE: NO
329   (vi) ORIGINAL SOURCE:
330       (A) ORGANISM: E. coli
333   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
335 TTAAGGATAA ATATGTTACG TAATGGAAAT AAATATCTCC TGATGCTGGT GAGTATAATT      60
337 ATGCTCACCG CGTGCATTAG CCAGTCAAGA ACATCATTTA TACCGCCACA GGATCGCGAA      120
339 TCTTTACTCG CCGAGCAACC GTGGCCGCAT AATGTTTTTG TAGCGATTTT ATGGCATAAC      180
341 GTTGAAGACG AAGCTGCCGA CCAGCGTTTT ATGTCAGTGC GGACATCAGC ACTGCGTGAA      240
343 CAATTTGCCT GGCTGCGCGA GAACGGTTAT CAACCGGTCA GTATTGCTCA AATTCGTGAA      300
345 GCACATCGAG GAGGAAAACC GCTACCGGAA AAAGCTGTAG TGCTGACTTT TGATGACGGC      360
347 TACCAGAGTT TTTATACCCG CGTCTTCCCA ATTCTTCAGG CCTTCCAGTG GCCTGCTGTA      420
349 TGGGCCCCCG TCGGCAGTTG GGTTCGATACG CCAGCGGATA AACAAGTAAA ATTTGGCGAT      480
351 GAGTTGGTCG ATCGAGAATA TTTTGCCACG TGGCAACAAG TGCGAGAAGT TGC GCGTTCC      540
353 CCGCTCGTTG AGCTCGCTTC TCATACATGG AATTCTCACT ACGGTATTCA GGCTAATGCC      600
355 ACCGGCAGCT TATTGCCTGT ATATGTAAAT CGTGCATATT TTACTGACCA CGCACGGTAT      660
357 GAAACCGCAG CAGAATACCG GGAAAGAATT CGTCTGGATG CTGTAAAAAT GACGGAATAC      720
359 CTGCGTACAA AGGTTGAGGT AAATCCACAC GTTTTTGTTT GGCCTTATGG CGAAGCGAAT      780
361 GGCATAGCGA TAGAGGAATT AAAAAAATC GGTATGACA TGTTCTTCAC CCTTGATCA      840
363 GGTTTGGCAA ATGCGTCGCA ATTGGATTCC ATTCCGCGGG TATTAATCGC CAATAATCCC      900
365 TCATTAAGAG AGTTTGCCCA GCAAATTATT ACCGTACAGG AAAAATCACC ACAACGGATA      960
367 ATGCAATCG ATCTTGATTA CGTTTATGAC GAAAACCTCC AGCAAATGGA TCGCAATATT      1020
369 GATGTGCTAA TTCAGCGGGT GAAAGATATG CAAATATCAA CCGTGTATTT GCAGGCATTT      1080
371 GCTGATCCCG ATGGTGATGG GCTGGTCAAA GAGGTCTGGT TTCCAAATCG TTTGCTACCA      1140
373 ATGAAAGCAG ATATTTTTAG TCGGGTTGCC TGGCAATTAC GTACCCGCTC AGGTGTAAAC      1200
375 ATCTATGCGT GGATGCCGGT ATTAAGCTGG GATTTAGATC CCACATTAAC GCGAGTAAAA      1260
377 TACTTACCAA CAGGGGAGAA AAAAGCACAA ATTCATCCTG AACAATATCA CCGTCTCTCT      1320
379 CCTTTCGATG ACAGAGTCAG AGCACAAGTT GGCATGTTAT ATGAAGATCT TGCCGGACAT      1380
381 GCTGCTTTTG ATGGCATATT GTTCCACGAT GATGCTTTGC TTTCAGATTA TGAAGATGCC      1440
383 AGTGCACCGG CTATCACGGC TTATCAGCAA GCAGGCTTTA GCGGGAGTCT GAGCGAAATT      1500
385 CGACAAAACC CGGAGCAATT TAAACAGTGG GCCCGCTTTA AAAGTCGTGC GTTAAGTAC      1560
387 TTCACCTTAG AACTTAGTGC GCGCGTAAAA GCCATTGCGG GTCCACATAT TAAAACTGCA      1620
389 CGAAATATTT TTGCACTTCC GGTAATACAA CCTGAAAGTG AAGCCTGGTT TGCACAGAAT      1680
391 TATGCTGATT TCCTAAAAAG CTATGACTGG ACCGCTATTA TGGCTATGCC TTATCTGGAA      1740
393 GGTGTCGCAG AAAAATCGGC TGACCAATGG TTAATACAAT TGACCAATCA AATTAAAAAC      1800
395 ATCCCTCAGG CTAAAGACAA ATCTATTTTA GAATTACAGG CACAAAACCTG GCAGAAAAAT      1860
397 GGTCAGCATC AGGCTATTTT TCGCAACAA CTCGCTCACT GGATGAGCCT ATTACAACCTG      1920
399 AATGGAGTGA AAAACTATGG TTATTATCCC GACAAATTTT TGCATAACCA ACCTGAAATA      1980
401 GACCTTATTC GTCCTGAGTT TTCAACAGCC TGGTATCCGA AAAATGATTA A      2031
403 (2) INFORMATION FOR SEQ ID NO: 4:
405   (i) SEQUENCE CHARACTERISTICS:

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:38

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt

Output Set: N:\CRF4\10072003\J675226.raw

L:7 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:] of (1) line corrected
L:8 M:238 W: Alpha Fields not Ordered, Reordered [(B) STREET:] of (1)(iv)
L:12 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:13 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:14 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:16 M:238 W: Alpha Fields not Ordered, Reordered [(A) NAME:] of (1)(viii)
L:17 M:238 W: Alpha Fields not Ordered, Reordered [(B) STREET:] of (1)(iv)
L:21 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:22 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:25 M:238 W: Alpha Fields not Ordered, Reordered [(ii) TITLE OF INVENTION:] of (1)
L:30 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]
L:51 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:154 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:327 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:415 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:562 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:629 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:733 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:755 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:777 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]

10/675,226 7

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: ↑ move to (i) APPLICANT line

delete

~~(A) NAME: Romeo, Tony~~
~~(B) STREET: c/o Ridout & Maybee~~
~~(C) CITY: Toronto~~
~~(D) STATE: Ont~~
~~(E) COUNTRY: Canada~~
~~(F) POSTAL CODE (ZIP): M5G 3B1~~
~~(G) TELEPHONE: 4168653505~~
~~(H) TELEFAX: 4163620823~~

delete

↑ move under first applicant
~~(A) NAME: Wang, Xin~~
~~(B) STREET: c/o Ridout & Maybee~~
~~(C) CITY: Toronto~~
~~(D) STATE: Ont~~
~~(E) COUNTRY: Canada~~
~~(F) POSTAL CODE (ZIP): M5G 3B1~~
~~(G) TELEPHONE: 4168653505~~
~~(H) TELEFAX: 4163621482~~

(ii) TITLE OF INVENTION: Methods for Polysaccharide Adhesin Synthesis Modulation

(iii) NUMBER OF SEQUENCES: 9

(iv) ~~(i)~~

COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(v) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:
(B) STREET:
(C) CITY:
(D) STATE:
(E) COUNTRY:
(F) ZIP:

(vi) ~~(v)~~ CURRENT APPLICATION DATA:

insert → (A) APPLICATION NUMBER: CA 2,411,508
insert → (B) FILING DATE:

this is not the current application number

insert → (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: ←
(B) FILING DATE: ← mandatory

insert these

MANDATORY
headings and responses

response

insert these
MANDATORY
headings
and their

responses
for a U.S.

application

EPO format is
invalid for a U.S.
application